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SCI. MED. DIV.

# WATER LEVELSBULLETIN for the

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

GREAT LAKES AND MONTREAL HARBOUR St. Laurence River. 1962

3 1761 11412083 5

LAKE SUPERIOR (at Port Arthur) MAR. APRIL DEC. JAN. MAY JUNE JULY AUG. SEPT. NOV. MEAN \_\_\_MEAN FOR MONTH 599.93 600.58 2/1000 599.23 HIGH LEVEL FOR MONTH

Day and Hour

LOW LEVEL FOR MONTH 29/2330 \_ Day and Hour 599.69 \_ Day
LOWEST DAILY MEAN Day
Last year's mean for month
Max. mean for month since 1860 27 599.95 601.21 1952 598.66 1926 Year Min. mean for month since 1860 Year

Mean for month-last 10 years

Mean for month-since 1860 600.39

LAKE HURON (at Goderich)

577.45 578.46 30/1016 MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour
LOW LEVEL FOR MONTH 576.61 5/0553 Day and Hour 577.97 \_\_\_ Day
LOWEST DAILY MEAN 577.03 5 578.05 580.91 1886 575.76 1934 577.94 \_\_\_\_\_ Day
\_Last year's mean for month
Max. mean for month since 1860 Year Mean for month-last 10 years 578.35

LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94									
HIGH LEVEL FOR MONTH  Day and Hour	573.32 7/1029									
LOW LEVEL FOR MONTH  Day and Hour	567.45		-	1						
HIGHEST DAILY MEAN	571.62									
LOWEST DAILY MEAN	563.70									
Last year's mean for month	569.77	- 1								
Max. mean for month since 1860  Year	572.44						114	MUNACH	A Marilla	
Min. mean for month since 1860 Year	568.03									
Mean for month-last 10 years	570.29									

LAKE ONTARIO (at Kingston)

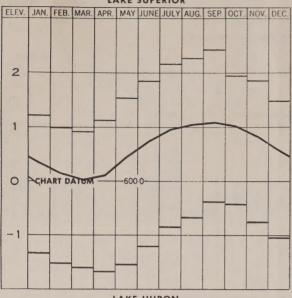
MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour	243.38 244.40 7/0358						
LOW LEVEL FOR MONTH  Day and Hour	242.70 7/0108				A DE A		
HIGHEST DAILY MEAN  Day	243.73						
LOWEST DAILY MEAN  Day	243.00						
Last year's mean for month  Max. mean for month since 1860	243.35						 
Year Min. mean for month since 1860 Year	1986 241.73 1935						 
Mean for month-last 10 years	244.11						

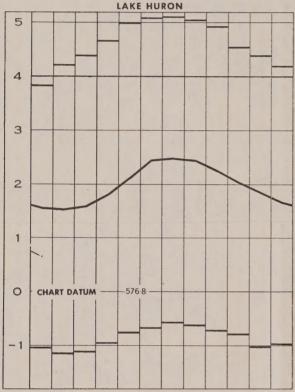
MONTREAL HARBOUR (at King Edward Pier)

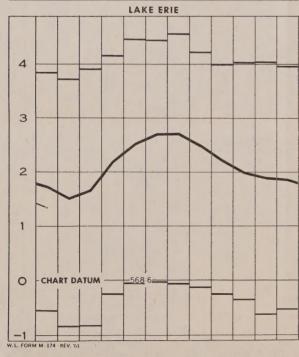
								,					
MEAN FOR MONTH	.26.63									78			
HIGH LEVEL FOR MONTH	35.41												
Day and Hour	30/21/7												h-
LOW LEVEL FOR MONTH	13.09							1 11					
Day and Hour	2/0243												
HIGHEST DAILY MEAN	34.59							1 1					
Day	30							-	maning part and				
LOWEST DAILY MEAN	13.26												
Day	2												
Last year's mean for month	31.64											- Lanne 1	
Max. mean for month since 1860	40.14							3					
Year	1886												
Min. mean for month since 1860	21.25	000	2 - 12 - 1										
Year	1932					-							
Mean for month-last 10 years	29.98							lan all					
Mean for month-since 1860	32.83												
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

LAKE SUPERIOR ELEV. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 2 CHART DATOM 0 --600-0







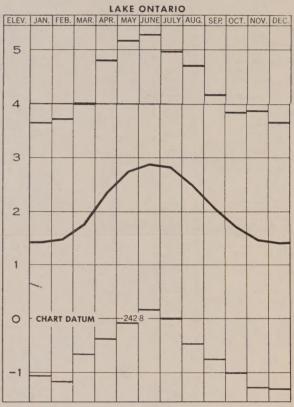


INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

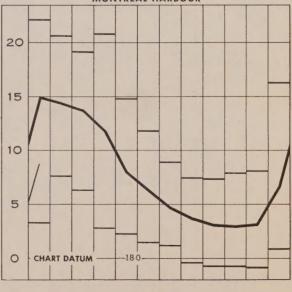
# MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1962

Maximum	 PERIOD
Minimum	OF
Mean	RECORD
Mean	 MONTHLY



MONTREAL HARBOUR



ELEVATIONS ARE IN FEET ABOVE CHART DATUM.

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# WATER LEVEL BULLETIN GREAT LAKES AND MONTREAL HARBOUR



# INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

	LAKE SUPERIOR	LAKE HURON	LAKE ERIE	LAKE ONTARIO	MONTREAL JANDEC	HARBOUR MAY-NOV.
LENGTH IN MILES	350 Michipicoten to Duluth Canal	210 Grand Bend to Detour	241 Clear of Pt. Pelee and Long Pt.	193 W.Burlington Bay to Sacketts Hbr.		
BREADTH IN MILES about Latitude about Longitude	160 86° 45' W	101 44° 35' N	57	53 770 351 W		
AVERAGE DEPTH IN FEET	489	168	60	250		
MAXIMUM RECORDED DEPTH IN FEET BOTTOM REFERRED TO M.S.L. IN FEET Latitude Longitude	1302 -700 47° 30' N 86° 00' W	748 -169 45° 00' N 82° 00' W	208 +363 42° 30¹ N 80° 00¹ W	774 -531 43° 29' N 76° 58' W		
WATER SURFACE AREA IN SQUARE MILES Canada United States Total	11,110 20,710 31,820	13,900 9,110 23,010	4,950 4,990 9,940	3,980 3,560 7,540		
DRAINAGE BASIN AREA IN SQUARE MILES Canada United States Total	43,330 37,570 30,900	47,570 24,850 72,420	11,110 23,570 34,680	15,920 18,710 34,630		
WATER LEVELS RECORDED at at	Marquette 1860-1906 Port Arthur 1907-	Milwaukee 1860-1874 Harbor Beach 1875-1909 Goderich 1910-	Port Colborne 1860-	Oswego(12) 1860-1894 Kingston 1895-	Montreal 1860- (Upper Hbr.)	Montreal 1860- (Upper Hbr.)
MAXIMUM RANGE Monthly mean levels of one calendar year Year	2.67 1869	2.23 1871	2.57 1917	3.65 1867	18.89 1949	10.59 1908
MINIMUM RANGE Monthly mean levels of one calendar year Year	0.51 1929	0.38 1941	0.75	0.71	9.61 1935	1.34
CANADIAN HYDROGRAPHIC SERVICE CHART DATUM CANADIAN HARBOUR IMPROVEMENTS DATUM	600.0 599.9	576.8 576.7	568.6 568.9	242.8 242.9	18.0	
ADJUSTED 1897 LOW WATER DATUM DATUM FOR MONTREAL CITY DATUM FOR MONTREAL HARBOUR COMMISSION					18.04 24.33 -75.51	
REFERRED TO BENCH MARK ELEVATION	Steel Rivet 614.49	Steel Rivet 586.82	Steel Rivet 583.02	Steel Rivet 251.66	Hbr.Comm.Bolt 45.58	

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE . AT FATHER POINT, QUEBEC.

Canada. Hydrographic & Map Service

SCI. MED. DIV.



WATER LEVEL BULLETIN for the GREAT LAKES AND MONTREAL HARBOUR

1962



INLAND WATER LEVELS

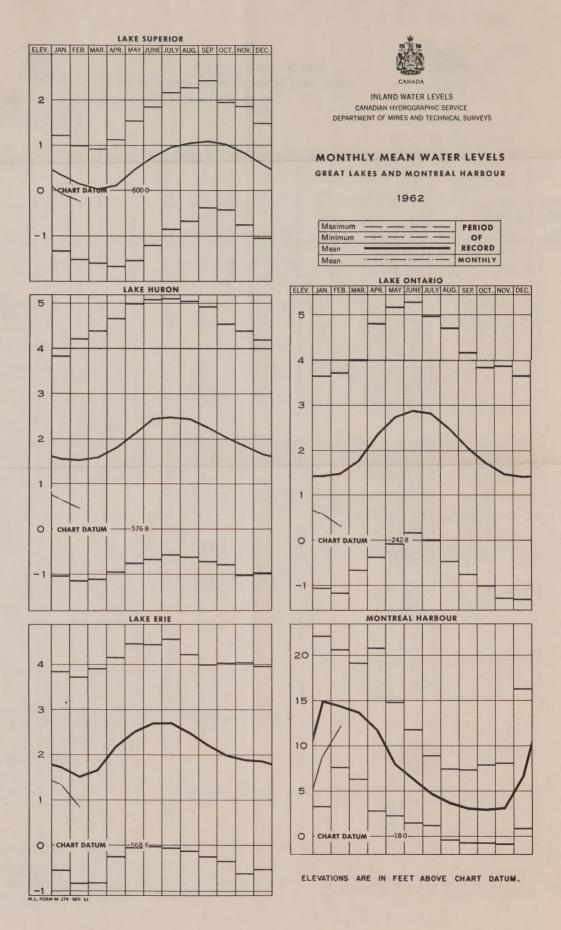
CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

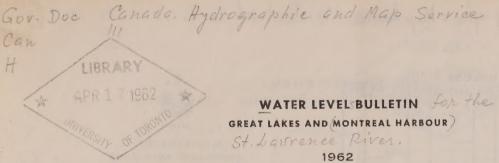
	JAN.	T FEB.	MAR.	APRIL	MAY	JUNE	PERIOR	(at Port Art	hur)	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93		107111	- Mille	1	30142	3061	AUG.	3611	001.	100.	000	
HIGH LEVEL FOR MONTH	600.58	500.77				-							
Day and Hour	2/1000	4/1345											
LOW LEVEL FOR MONTH  Day and Hour	599.23	4/2145								100			
HIGHEST DAILY MEAN	600.20	599.90			-					100000000000000000000000000000000000000		-	
Day	4	599.66				-							
LOWEST DAILY MEAN	599.69	5						- C					
DayLast year's mean for month	599.95	599.79				-							11111
Max. mean for month since 1860	601.21	600.79		-	and the second				12	1			7
Year	1952	1952									-		
Min. mean for month since 1860	598.66 1926	598.48 1926											
Year Mean for month-last 10 years	600.07	599.77				1							
Mean for month-since 1860	600.39			-									
'	,	'				'	,						
						LAKE	IURON	at Goderich	1)				
MEAN FOR MONTH	577.45	577.26			1	T							
HIGH LEVEL FOR MONTH	573.46	577.38				1							
Day and Hour	30/1016	6/0151											
LOW LEVEL FOR MONTH	576.61	576.74											
Day and Hour	5/0553	577.48			1	1							
HIGHEST DAILY MEAN Day	17	17						12.00		-			
LOWEST DAILY MEAN	577.03	577.04											
Day	5	11				-							
Last year's mean for month  Max. mean for month since 1860	573.05	577.76 580.98			-	-							
Max. mean for month since 1860  Year	1336	1386		-									
Min. mean for month since 1860	575.76	575.66											
Year	1934	1934				-							
Mean for month-last 10 years	577.94	577.35 578.31		-		+			-				
Mean for month-since 1860	3/3-3	10007			+	-	-						-
						LAKE	RIE (at P	ort Colborne	2)				
MEAN FOR MONTH	569.94	569.45											
HIGH LEVEL FOR MONTH	573.32	572.45 14/0734											
Day and Hour	7/1029	566.39			-								-
Day and Hour	6/1733	24/0238				-							
HIGHEST DAILY MEAN	571.62	570.25											
LOWEST DAILY MEAN	563.70	568.59											
Day	6	18											
Last year's mean for month	569.77	569.54											
Max. mean for month since 1860	572.44	572.32											
Min. mean for month since 1860	1863	1863 567.75	-										
Year	1935	1935											
Mean for month-last 10 years	570.29	570.07				-							
Mean for month-since 1860	570.33	570.11				+							
						LAKE O	NTARIO	(at Kingsto	on)	4			
MEAN FOR MONTH	243.33	243.11				-							
HIGH LEVEL FOR MONTH	7/0358	243.57 5/2053		1									
LOW LEVEL FOR MONTH	242.70	242.50				1	-						
Day and Hour	7/0103	24/0800						-					
HIGHEST DAILY MEAN	243.73	243.31		-									
Day	243.00	212 22				1							
LOWEST DAILY MEAN  Day	6	242.92			-3			the same of	100000				
Last year's mean for month	243.35	242.39								- Links			
Max, mean for month since 1860	246.43	246.50											
Year	1336	1986				-	-	-				11	
Min, mean for month since 1860  Year	241.73 1935	241.63						13					
Mean for month last 10 years	244.11	244.10					-						
Mean for month-since 1860	21/120	244.26			-	-							
					MON	TREAL H	ARBOUR	(at King &	dward Pier	)			
MEAN FOR MONTH	.26.63	30.13											
HIGH LEVEL FOR MONTH	35.41	34.01											
Day and Hour	30/21/7	1/0427		-									
LOW LEVEL FOR MONTH Day and Hour	2/02/3	27.45		1 15				1					N. P.
HIGHEST DAILY MEAN	34.59	33.96				-	-	The same of the same of	-				
Day	30	1		1	7, 7, 2, 4	-	-				The		
LOWEST DAILY MEAN	13.26	27.73		1			1						
Last year's mean for month	31.64	30.43				-					1		
Max. mean for month since 1860	40.14	38.66		-		1		-		1		1	1 74
Year	1986	1890			-	1		and the			10	1	
Min, mean for month since 1860	21.25	25.61							8				
Year	1932	1935 32.06				-							
Mean for month-last 10 years Mean for month-since 1860	32.83	32.37			1	1 -2	1	1	11.				-
to though since 1800	-	1		+	1		-		-		+		4

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12,23 32.37

JAN. FEB. MAR. APRIL MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC. MEAN
ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAFLS DATUM (1955).
THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12,444 FEET BELOW
BENCH MARK 1248-G OR 7,486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE
AT FATHER POINT, QUEBEC.





WATER LEVEL BULLETIN for the GREAT LAKES AND MONTREAL HARBOUR

SCI. MED, DIV.

INLAND WATER LEVELS

CANADIAN UVDDOCRABUIC CERVICE

St. Laurence River. 1962

					19	962							RAPHIC SERVICE ID TECHNICAL SURVEYS
						LAKE SU	PERIOR						
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	ост.	NOV.	DEC.	MEAN
MEAN FOR MONTH HIGH LEVEL FOR MONTH	599.93	600.13	599.72										
Day and Hour	2/1000	4/1345	30/0853										
LOW LEVEL FOR MONTH  Day and Hour	599.23	599.28	599.39										
HIGHEST DAILY MEAN	600.20	599.90	599.85	2000		17.							
LOWEST DAILY MEAN	599.69	599.66	599.65										
Day	27	5	12										
Last year's mean for month	599.95	599.79	599.75										
Max. mean for month since 1860  Year	1952	1952	1951			1							2
Min. mean for month since 1860	598.66 1926	1926	598.40 1926										
YearMean for month-last 10 years	600.07	599.77	599.75										
Mean for month-since 1860	600.39	600.14	600.04					-					
						LAKE	URON	(at Goderich	h)				
MEAN FOR MONTH	577.45	577.26	577.39										
HIGH LEVEL FOR MONTH	578.46	577.88	577.77	7.		1 4							
LOW LEVEL FOR MONTH	576.61	576.74	576.73										
Day and Hour	5/0553	577.48	12/0735										
HIGHEST DAILY MEAN  Day	577.97	17	577.50										
LOWEST DAILY MEAN	577.03	577.04	577.10										
DayLast year's mean for month	578,05	577.76	577.83										
Max. mean for month since 1860	580.91	580.98	581.17										
Year Min. mean for month since 1860	1886 575.76	1886	1886										
Year	1934	1934	1934										De la constant
Mean for month last 10 years	577.94 578.35	577.85	578,02 578.38										
Mean for month-since 1860	110.00	77000	210020	1		1			1				
						LAKE	RIE (at P	ort Colborne	e)				
MEAN FOR MONTH	569.94	569.45	569.73										
HIGH LEVEL FOR MONTH  Day and Hour	573.32 7/1029	14/0734	570.70										
LOW LEVEL FOR MONTH	567.45	566.89	568.58										
Day and Hour	6/1733	570.25	6/1802 570,21										
HIGHEST DAILY MEAN  Day	571.62	14	30										
LOWEST DAILY MEAN	568.70	568.59	569.00										
DayLast year's mean for month	569.77	18	570.22										
Max. mean for month since 1860	572.44	572.32	572.50										
Min. mean for month since 1860	1863	1863	1863 567.76								Mean	100	
Year	1935	1935	1934										
Mean for month-last 10 yearsMean for month-since 1860	570.29	570.07	570.39 570.26										
						1.445.0							,
MEAN FOR MONTH	243,38	243.11	243.26			LAKE O	NTARIO	(at Kingsto	on)	-			
HIGH LEVEL FOR MONTH	244.40	243.57 5/2058	243.79										
LOW LEVEL FOR MONTH	7/0358	5/2058 242.50	242.71										
Day and Hour	7/0108	24/0800	12/0807					140					
HIGHEST DAILY MEAN	243.73	243.31	243.63										
LOWEST DAILY MEAN	243.00	242.92	242.90										
Day	2/3 35	24	6 243,61				-		-				
Last year's mean for month Max. mean for month since 1860	243.35	242.99	246.79										
Year	1886	1886	1952			2 1							
Min. mean for month since 1860  Year	241.73 1935	241.63	242.13 1935										
Mean for month-last 10 years	244.11	244.10	244.45										
Mean for month-since 1860	244.20	244.26	244.53			-			-				
					MON	TREAL H	ARBOUR	(at King E	dward Pier	)			
MEAN FOR MONTH	.26.63	30.13	23.08										
HIGH LEVEL FOR MONTH  Day and Hour	35.41	34.01	28.81 6/1930					will a					
LOW LEVEL FOR MONTH	18.09	27.45	20.69										
— Day and Hour HIGHEST DAILY MEAN	2/0243	19/1200	19/1200 27.35										
Day	30	1	1										
LOWEST DAILY MEAN	18.26	27.73	20.89										
DayLast year's mean for month	31.64	30.43	25.93										
Max. mean for month since 1860	40.14	38.66	37.12			1 1 1 1 1							
Min. mean for month since 1860	1886	1890 25.61	1890 23.08			1							
Year	1932	1935	1962										

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

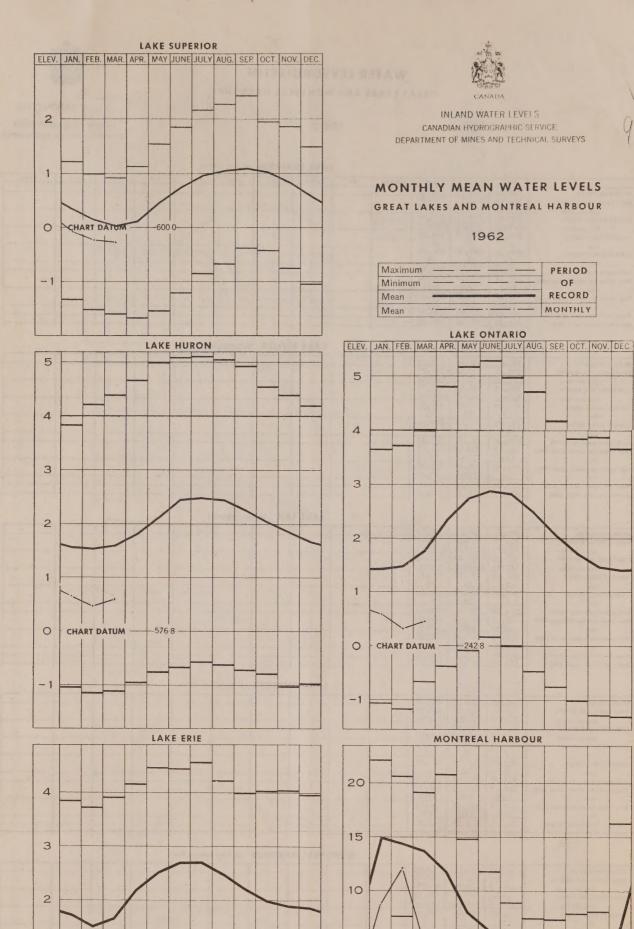
31,60 MAR.

Mean for month-last 10 years
Mean for month-since 1860

APRIL MAY JUNE JULY AUG. SEPT. OCT. NOV.

DEC.

# Canada. Hydrographie & Map Service. Water level bull.



ELEVATIONS ARE IN FEET ABOVE CHART DATUM.

5

0

CHART DATUM

nov. Doc Canada, Hydrographic and Maps
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INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE

SCI, MED. DIV.

# WATER LEVEL BULLETIN 19 1962 for the GREAT LAKES AND MONTREACHARBOUR St. Ligurence River, 1962

											DELYKIMER	T OF MINES ANI	TECHNICAL SURVE
						LAKE SU							
MATAN TOD MONTH	JAN.	FEB	MAR.	599.70	600.05	JUNE 600, 35	JULY	AUG.	SEPT.	ост.	NOV.	DEC.	MEAN
HIGH LEVEL FOR MONTH	599.93	600.13	599.72	600.27	601.29	600.35							
LOW LEVEL FOR MONTH	2/1000	4/1345 599.28	30/0853	27/2358	599.25	18/0627 599.78							
Day and Hour	29/2330	4/2145	12/0713	28/0058	19/0126	18/0755							
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47							
LOWEST DAILY MEAN	599,69	599.66	599.65	599.57	599.80	600.26							
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600,39							
Max. mean for month since 1860	601.21	600.99 1952	600.92	601.12	601.53	601.84		1					
Min. mean for month since 1860	1952	598.48	598.40	598.33	598.46	598.79							
Year	1926	1926 599.77	1926	1926	1926	1926							
Mean for month-last 10 yearsMean for month-since 1860	600.39	600.14	600.04	600.10	600.45	600.75							
						LAKE H	URON	(at Goderich	)				
MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90							
HIGH LEVEL FOR MONTH  Day and Hour	578.46	577.88	577.77	578.28	13/1602	578.58							
LOW LEVEL FOR MONTH	576.61 5/0553	576.74	576.73	576.92	576.64	576.79							
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00							-
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78						a P	
Day	5	11	20	9	23	9							
Last year's mean for month  Max, mean for month since 1860	578.05	577.76	577.83	581.46	578.14	578.18						-	
Year	1886	1886 575.66	1886	1886	1886 576.04	1886			-				
Min. mean for month since 1860 Year	575.76	1934	1934	575.85 1934	1934	576.13							
Mean for month-last 10 years	577.94	577.85	578.02 578.38	578.01 578.59	578.32 578.90	578.51							
Mean for month-since 1860	578.35	2000	210.30	2/0.29	370.90	579.14					1		
							RIE (at Po	ort Colborne	)			401	
MEAN FOR MONTH HIGH LEVEL FOR MONTH	569.94	569.45	570.70	570.24	570.27 571.99	570.29 571.33							
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150							
LOW LEVEL FOR MONTH  Day and Hour	567.45	566.89	568.58	569.21	569.20 8/0519	569.16							
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56							
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569.70							
Day	6	18 569.54	6	12 570,91	27 571.58	571.48							
Last year's mean for month  Max. mean for month since 1860	569.77	572.32	570.22	572.75	573.06	573.04							
Year Min. mean for month since 1860	1863	1863	1863 567.76	1952 568.34	1862 568,55	1860							
Year	1935	1935	1934	1935	1934	1934							
Mean for month-last 10 yearsMean for month-since 1860	570.29	570.07 570.11	570.39 570.26	570.36	571.16 571.10	571.27							
						LAKE ON	ITARIO	(at Kingsto	n)			1-1	
MEAN FOR MONTH	243.38	243.11	243.26	244.29	245.02	245.32		85.0				1	-
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95 23/0044	245.59	245.68							
LOW LEVEL FOR MONTH	7/0358	5/2058	31/2324 242.71	243.46	24/0159	244.96							
Day and Hour	7/0108		12/0807	1/1312	1/0028	18/0745							
HIGHEST DAILY MEAN Day	243.73	243.31	243.63	23	25	245.39							
LOWEST DAILY MEAN		242.92	242.90	243.66	244.70	245.24							
Day	243.00						i						
Last year's mean for month	243.35	242.99	243,61	244.39	245.30	245.53							
Last year's mean for month  Max. mean for month since 1860	243.35 246.43	24 242.99 246.50	6 243.61 246.79	244.39	245.30 247.96	245.53					10 - 39		
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860	6 243.35 246.43 1886 241.73	24 242.99 246.50 1886 241.63	6 243,61 246.79 1952 242.13	244.39 247.61 1952 242.42	245.30 247.96 1952 242.72	245.53 248.07 1952 242.97							
Last year's mean for month Max. mean for month since 1860Year Min. mean for month since 1860Year	6 243.35 246.43 1886 241.73 1935	24 242.99 246.50 1886 241.63 1936	6 243.61 246.79 1952 242.13 1935	244.39 247.61 1952 242.42 1935	245.30 247.96 1952 242.72 1935	245.53 248.07 1952 242.97 1935							
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860	6 243.35 246.43 1886 241.73 1935 244.11	24 242.99 246.50 1886 241.63	6 243,61 246,79 1952 242,13 1935 244,45	244.39 247.61 1952 242.42	245.30 247.96 1952 242.72	245.53 248.07 1952 242.97 1935 245.77							
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Last Year Mean for month-last 10 years	6 243.35 246.43 1886 241.73 1935 244.11	24 242.99 246.50 1886 241.63 1936 244.10	6 243,61 246,79 1952 242,13 1935 244,45	244.39 247.61 1952 242.42 1935 245.17	245.30 247.96 1952 242.72 1935 245.85 245.54	245.53 248.07 1952 242.97 1935 245.77	RBOUR	(at King E	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH	6 243.35 246.43 1886 241.73 1935 244.11 244.20	24 242.99 246.50 1886 241.63 1936 244.10 244.26	6 243.61 246.79 1952 242.13 1935 244.45 244.53	244.39 247.61 1952 242.42 1935 245.17 245.14	245.30 247.96 1952 242.72 1935 245.85 245.54 MON1	245.53 248.07 1952 242.97 1935 245.77 245.68	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH	6 243,35 246,43 1886 241,73 1935 244,11 244,20	24 242.99 246.50 1886 241.63 1936 244.10 244.26	6 243.61 246.79 1952 242.13 1935 244.45 244.53	244.39 247.61 1952 242.42 1935 245.17 245.14	245.30 247.96 1952 242.72 1935 245.85 245.54 MON1 20.58 22.95	245.53 248.07 1952 242.97 1935 245.77 245.68	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-lest 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH LOW LEVEL FOR MONTH LOW LEVEL FOR MONTH	6 243.35 246.43 1886 241.73 1935 244.11 244.20	24 242.99 246.50 1886 241.63 1936 244.10 244.26 30.13 34.01 1/0427 27.45	6 243.61 246.79 1952 242.13 1935 244.45 244.53 23.08 28.81 6/1930 20.69	244.39 247.61 1952 242.42 1935 245.17 245.14 25.57 10/0902 19.76	245.30 247.96 1952 242.72 1935 245.85 245.54 MON1 20.58 22.95 6/2253 17.55	245.53 248.07 1952 242.97 1935 245.77 245.68 REAL HA 18.48 19.29 6/1030 17.52	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour	6 243.35 246.43 1886 241.73 1935 244.11 244.20	24 242.99 246.50 1886 241.63 1936 244.10 244.26 30.13 34.01 1/0427 27.45 19/1200	6 243.61 246.79 1952 242.13 1935 244.45 244.53 23.08 28.81 6/1930 20.69 19/1200	244.39 247.61 1952 242.42 1935 245.17 245.14 25.57 10/0902 19.76 22/1512	245.30 247.96 1952 242.72 1935 245.85 245.54 MON1 20.58 22.95 6/2253 17.55 31/2331	245.53 248.07 1952 242.97 1935 245.77 245.68 REAL HA 18.48 19.29 6/1030 17.52 1/1707	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day	6 243.35 246.43 1886 241.73 1935 244.11 244.20 .26.63 35.41 30/2147 13.09 2/024.3 34.59	24 242-92 246-50 1886 241-63 1936 244-10 244-26 30,13 34-01 1/0427 27-45 19/1200 33.96	6 243.61 246.79 1952 242.13 1935 244.45 244.53 28.81 6/1930 20.69 19/1200 27.35	244.39 247.61 1952 242.42 1935 245.17 245.14 25.57 10/0902 19.76 22/1512 25.39	245.30 247.96 1952 242.72 1935 245.85 245.54 MON1 20.58 22.95 6/2253 17.55 31/2331 22.74	245.53 248.07 1952 242.97 1935 245.77 245.68 REAL HA 18.48 19.29 6/1030 17.52 1/1707 19.09 6	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN	6 243,35 246,43 1886 241,73 1935 244,11 244,20	24, 242, 29, 242, 29, 246, 50, 1886, 241, 163, 1936, 244, 10, 244, 26, 244, 244	6 243.61 246.79 1.952 242.13 1.935 244.4.5 244.53 23.08 28.81 6/19.30 20.69 20.69	244.39 247.61 1952 242.42 1935 245.17 245.14 25.57 10/0902 19.76 22/1512 25.39	245,30 247,76 1952 242,72 1935 245,85 245,54 MON1 20,58 22,95 6/225 31/2331 22,74 7 17,83	245.53 248.07 1952 242.97 1935 245.77 245.68 REAL HA 18.48 19.29 6/1030 17.52 1/1707 19.09	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day Last year's mean for month	6 243.35 246.43 1886 241.73 1935 244.11 244.20 .26.63 35.41 30/2147 18.09 2/0243 34.59 30 18.26 23 31.64	24, 242, 242, 242, 242, 242, 243, 243, 2	6 243.61 246.79 1952 242.13 1935 244.45 244.53 244.53 23.08 28.81 6/1930 20.69 19/1200 27.35 1 20.69 19	244,39 247,61 1952 242,42 1935 245,17 245,14 25,57 10/990 27/1512 25,39 10 19,92 22 22,31	245,30 247,96 1952 242,72 1935 245,85 245,85 20,58 20,58 22,95 6/2253 17,55 31/2331 22,74 7 17,83 31 21,81	245.53 248.07 1952 242.97 1995 245.77 245.68 REAL HA 18.48 19.29 6/1030 17.52 1/1707 19.09 6 17.91 1 21.57	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year — Mean for month-last 10 years — Mean for month-last 10 years — Mean for month-last 10 years — MEAN FOR MONTH — HIGH LEVEL FOR MONTH — Day and Hour LOW LEVEL FOR MONTH — Day and Hour HIGHEST DAILY MEAN — Day  LOWEST DAILY MEAN — Day  LOWEST DAILY MEAN — Day	6.243,35 246,43 1886 241,73 1915 244,11 244,20 .26,63 35,41 30/21/7 18,09 2/024,3 34,59 30,124,4 40,14	24, 24, 24, 24, 24, 24, 24, 24, 24, 24,	6 24,3,61 24,6,79 1952 24,2,13 1935 24,4,4,5 24,4,5 22,4,4,5 22,4,4,5 28,81 6/1930 20,69 19/1200 27,35 1 1 20,89 19 25,93 37,12	244.39 247.61 1952 242.42 1935 245.17 245.14 25.57 10/0902 19,76 22/1512 25.39 10 19,92 22 22 22	245,30 247,76 1952 242,72 1935 245,85 245,54 MON1 20,58 6/2253 17,55 31/2331 22,74 7 17,83 31	245.53 248.07 1952 242.97 1935 245.77 245.68 REAL HA 18.48 19.29 6/1030 17.52 1/1707 6 17.91	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860  Year  Min. mean for month since 1860  Year  Mean for month-last 10 years  Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOW LEVEL FOR MONTH Day and Hour HIGHEST DAILLY MEAN Day LOWEST DAILLY MEAN Day Last year's mean for month Max. mean for month since 1860  Year Min. mean for month since 1860	6 243,45 246,43 1886 241,73 1995 244,11 244,20 .26,63 35,41 30/21,7 18,02 2/0243 34,59 30 18,26 40,14 1886 21,25	24, 242, 29 246, 50 1886, 241, 69 1936, 244, 26 244, 26 30, 13 34, 01 1/0,427, 27, 45 19/1200, 33, 96 127, 73 19, 30, 43 38, 66 1890, 25, 61	6 243.61 246.79 1952 242.13 1935 244.45 244.53 23.08 28.81 6/1930 20.69 19/1200 27.35 19 19.25.93 37.12 1890 23.08	244, 39 247, 61 1952 242, 42 1932 245, 117 245, 114 22, 114 25, 57 10/0902 19, 76 10 19, 92 22, 31 38, 84 1837 20, 78	245,30 247,96 1952 242,72 1935 245,85 245,85 22,95 6/2253 17,55 31/2331 22,74 7 17,83 31 32,79 1876 20,21	245.53 248.07 1952 242.97 1995 245.77 245.68 REAL HA 18.48 19.29 6/1030 17.52 1/1707 19.09 6 17.91 121.57 29.73 1876 18.48	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year Mean for month-last 10 years Mean for month-last 10 years Mean for month-since 1860  MEAN FOR MONTH HIGH LEVEL FOR MONTH Day and Hour LOULEVEL FOR MONTH Day and Hour HIGHEST DAILY MEAN Day LOWEST DAILY MEAN Day Last year's mean for month Max. mean for month since 1860 Year	6 243.35 246.43 1886 241.73 1935 244.11 244.20 .26.63 35.44 130/214 13,09 2/024 34.59 30 18.26 2 31.64 40.14	24, 242, 242, 242, 242, 242, 243, 243, 2	6 243.61 246.79 1952 242.13 1935 244.45 244.53 22.08 28.81 6/1930 20.69 19/1200 27.35 1 20.89 19.30 23.08 19.30 23.08 19.30 23.08 19.30 23.08	24,14,39 247,61 1952 242,42 1935 245,17 245,14 25,57 10/902 19,76 22/1512 25,39 10,91 22,31 38,34 1837	245, 30 247, 96 1952 242, 72 1935 245, 85 245, 85 245, 85 22, 95 6/2253 17, 55 31/2331 22, 74 7 17, 83 31 21, 81 32, 79 1876	245.53 248.07 1952 242.97 1935 245.77 245.68 REAL HA 18.48 19.29 6/1030 17.52 1/1707 19.09 6 17.91 1 21.57 29.73 1876	RBOUR	(at King Ed	dward Pier)				
Last year's mean for month Max. mean for month since 1860 Year Min. mean for month since 1860 Year — Mean for month-last 10 years — Mean for month-last 10 years — Mean for month-last 10 years — MEAN FOR MONTH — HIGH LEVEL FOR MONTH — Day and Hour — LOW LEVEL FOR MONTH — Day and Hour — HIGHEST DAILY MEAN — Day — Last year's mean for month Max. mean for month since 1860 — Year — Min. mean for month since 1860 — Year — Min. mean for month since 1860 — Year — Min. mean for month since 1860 — Year — Min. mean for month since 1860 — Year — Min. mean for month since 1860 — Year — Min. mean for month since 1860 — Year — Min. mean for month since 1860 — Year — Min. mean for month since 1860 — Year — Min. mean for month since 1860 — Year	6.243.35.246.43.1886.241.73.1935.244.11.244.20.18.09.240.71.3.0.21.73.4.59.30.18.26.2.21.26.20.27.26.21.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.27.26.2	24, 242, 29 246, 50 1886 241, 63 1936 244, 10 244, 26 30, 13 34, 01 1/0427 27, 45 19/1200 33, 96 1 27, 73 19 30, 43 19 30, 43 19 30, 43 19 30, 43 19 30, 43 19 30, 43 19 30, 43 19 30, 43 19 19 30, 43 19 30, 43 19 19 19 19 19 19 19 19 19 19 19 19 19	6 243.61 246.79 1952 242.13 1935 244.45 244.53 23.08 28.81 6/1930 20.69 19/1200 27.35 19 19.25.93 37.12 1890 23.08	24,1,39 247,61 1952 242,42 1935 245,17 245,14 25,57 10/902 19,76 22/1512 25,39 10 19,92 22 22,31 38,84 1837 20,78 1931	24,5,30 247,96 1952 242,72 1935 245,85 245,85 245,85 245,85 245,85 17,55 11/2331 22,74 7 17,83 31 21,81 32,79 1876 20,21 1958	245.53 248.07 1952 242.97 1935 245.77 245.68 REAL HA 18.48 19.29 6/10.30 17.52 1/1007 19.09 6 17.91 12.57 29.73 1876 18.48 19.62	RBOUR	(at King Ed	dward Pier)	OCT.	Nov	DEC.	MEAN

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

W.L. FORM - M 173 - REV '61

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12, 444 FEET BELOW BENCH MARK 1248-G OR 7, 486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

# ELEV. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC.

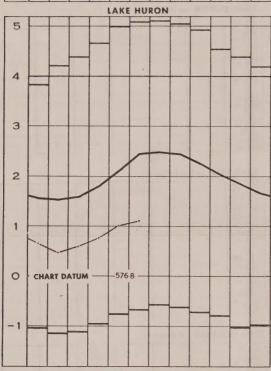


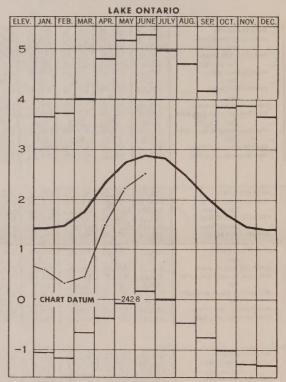
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

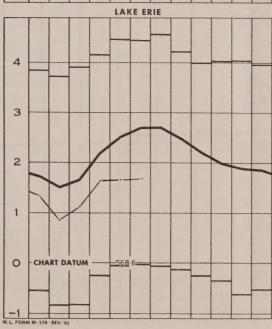
# MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

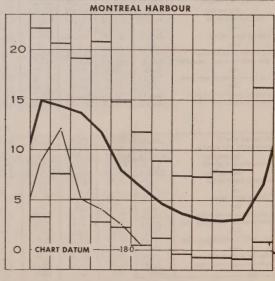
1962

Maximum		PERIOD
Minimum	contraction of the second section of the section of the second section of the second section of the second section of the section of the second section of the sec	OF
Mean		RECORD
Mean		MONTHLY









ELEVATIONS ARE IN FEET ABOVE CHART DATUM.



BRAK

# WATER LEVELS BULLETIN & GREAT LAKES AND MONTREAL HARBOUR

A CONTRACTOR OF THE SECOND

St. Laurence River.

W GD.

SCI. WED, DIV.

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

1962

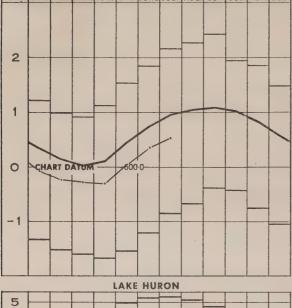
SAINERSITY &	Old												
								(at Port Art		<b></b>	-		
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
HIGH LEVEL FOR MONTH	600.58	600.13	599.72	599.70 600.27	600.05	600.35	600.52						
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304						
LOW LEVEL FOR MONTH	599.23 29/2330	599.28	599.39	28/0058	599.25 19/0126	599.78 18/0755	599.76 7/1711						
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47	600.58						
Day	K00 60	599,66	599.65	599.57	30	29 600,26	600,40						
LOWEST DAILY MEAN Day	599,69 27	5	12	14	599.80	11	1						
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49						
Max. mean for month since 1860	601.21	600.99 1952	1951	1951	601.53 1951	1916	602.16 1876						
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599-14						
Year Year	1926	1926 599 <b>.7</b> 7	1926 599.75	1926 599.81	1926	1926	1926						
Mean for month-last 10 years	600.39	600.14	600.04	600.10	600.45	600.75	600.97						
'	,	ŧ	'	1	Į.		,	'		J	'	•	'
						LAKE	URON	(at Goderich	1)				
MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89				<u> </u>		
HIGH LEVEL FOR MONTH	578.46	577.88	577.77	578,28 15/0558	578.34	578.58	578.52			,			
Day and Hour	30/1016 576.61	6/0151 576.74	576.73		13/1602 576.64	18/0111 576.79	9/0659 577•55						
LOW LEVEL FOR MONTH  Day and Hour	5/0553	13/2218	12/0735	576.92 30/2113	13/1840	18/1129	20/0750						
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16						
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	25 577.65	577.78	577 <b>.7</b> 7						
Day	5	11	20	9	23	9	20						
Last year's mean for month Max. mean for month since 1860	578.05 580.91	577.76 580.98	577.83	581.46	578.14	578.18 581.88	578.26 581.90						
Year	1886	1886	1886	1886	1886	1886	1876						
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22						
YearMean for month-last 10 years	1934 577.94	1934 577.85	1934 578.02	1934 578.01	1934 578,32	1934 578,51	3.934 578.65						
Mean for month-since 1860	578.35	578,31	578.38	578.59	578.90	579.14	579.27						
•	•	•		•	•								
						LAKE E	RIE (at P	ort Colborne	:)				
MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32						
HIGH LEVEL FOR MONTH	573.32 7/1029	572.45 14/0734	570.70 30/1113	572.48 9/1155	571.99	571.33	572.13 21/0245						
LOW LEVEL FOR MONTH	567.45	566.89	568.58	569.21	569.20	569.16	569.46						
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519 570.67	12/0414	23/2429						
HIGHEST DAILY MEAN  Day	571.62	570.25	570,21 30	570.64 14	3	19	570.70 27		,				
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569,70 12	570.04						
Last year's mean for month	569,77	18 569.54	570,22	12 570.91	27 571,58	571.48	571.30						
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16						
Year	1863	1863 567.75	1863 567.76	1952	1862 568.55	1860 568.56	1862 568.53						
Min. mean for month since 1860 Year	568.03 1935	1935	1934	1935	1934	1.934	1934						
Mean for month-last 10 years	570.29	570.07	570.39	570.86	571.16	571.27	571.34						
Mean for month-since 1860	570.33	570.11	570.26	570.78	571.10	571,29	571.30						
						LAKE O	ALT A DIO	(at Kingsto	)				
	210.00	010.77	2/2 26	1011 00	215.02			(at Kingsto					
HIGH LEVEL FOR MONTH	243.38	243.57	243.26	244.29	245.59	245.68	245.16						
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1045	13/0020						
LOW LEVEL FOR MONTH	242,70	242.50	242.71	243.46 1/1312	1/0028	244.96 18/0745	244.69 23/1547						
HIGHEST DAILY MEAN	7/0108 243.73	24/0800	243.63	244.68	245.28	245.39	245.26						
Day		5	30	23	25	19	11						
LOWEST DAILY MEAN  Day	243.00	242.92	242.90 6	243.66	244.70	245.24	244.95 23						
Last year's mean for month	243.35	242.99	243.61	244.39	245.30	245.53	245.40						
Max. mean for month since 1860 Year	246.43 1886	246.50 1886	246.79 1952	247.61 1952	247.96 1952	248.07 1952	247.76 1947						
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80						
Year	1935	1936	1935	1935 245.17	1935 245.85	1935	1934						
Mean for month-last 10 years	244.11	244.10		245.14	245.54		245.51						
				1				1					
					MONT	REAL H	ARBOUR	(at King E	dward Pier	)			
MEAN FOR MONTH	.26.63	30,13	23.08	22.14	20.58	18.48	18.08			T			<u> </u>
HIGH LEVEL FOR MONTH	35.41	34.01	23.08	25.57	22.95	19.29	18.67						
LOW LEVEL FOR MONTH	30/21/7	27.45	6/1930	10/0902	6/2253	6/1030	15/1925 17.36						
Day and Hour	18.09 2/0243	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657						
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46						
LOWEST DAILY MEAN	18,26	27.73	20.89	19.92	17.83	17.91	17.61	1			-		
Day	2	19	19	22	31	1	12						
Last year's mean for month Max. mean for month since 1860	31.64	30.43	25.93	38.84	21.81	21.57 29.73	21.10	<del>                                     </del>		-			
Max. mean for month since 1860  Year	1886	1890	37.12 1890	1887	1876	1876	1861						
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48 1962	18.08						
YearMean for month-last 10 years	1932 29.98	1935	1962	1931	1958	21.22	1962 20.73						
Mean for month-since 1860	32,83	32.37	31.60	29.63	25.97	24.18	22.63						
	JAN.	FEB.	MAR.	APRIL.	MAY	JUNE	JULY	AUG.	SEPT.	ост.	NOV.	DEC.	MEAN
	ET ESTATE												

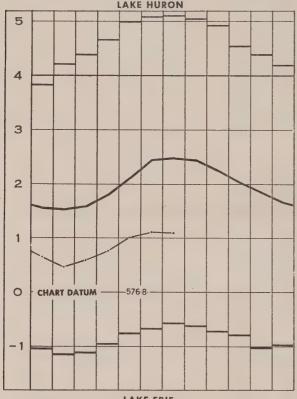
ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

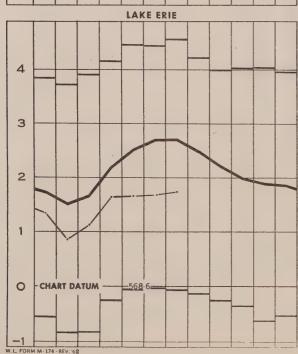
W.L FORM - M 173 - REV '61

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12,444 FEET BELOW BENCH MARK 1248-G OR 7,486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 2 CHART DATUM **-6**00.0-0









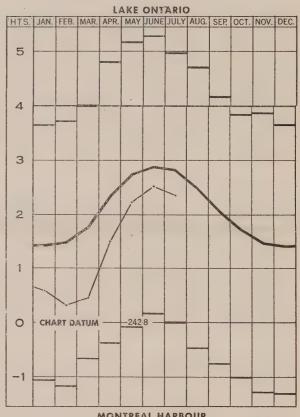
# INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE

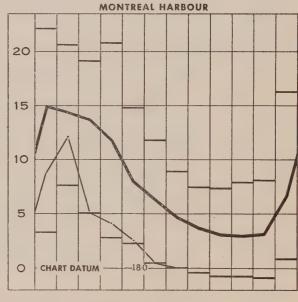
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

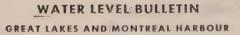
# MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1962

Maximum	 PERIOD
Minimum	OF
Mean	RECORD
Mean	 MONTHLY









1962

### INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

# LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	.522,77	599.72	599.70	600.05	600.35	600.52	600.55					
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601.17	601.24	601.18					,
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304	6/1010					
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78	599.76	599.70					
Day and Hour	29/2330		12/0713	28/0058	19/0126	18/0755	7/1711	6/1115					
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47	600.58	600,67					
Day	4	2	2	29	30	29	29	23					
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600.26	600.40	600.46					
Day	27	5	12	14	2	11	1	12					
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49	600,47					
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602,27					
Year	1952	1952	1951	1951	1951	1916	1876	1876					
Min. mean for month since 1860	598,66	598.48	598.40	598.33	598.46	598.79	599.14	599.33					
Year	1926	1926	1926	1926	1926	1926	1926	1926					
Mean for month-last 10 years	600.07	599.77	599.75	599.81	600.11	600.55	600.78	600.83					
Mean for month-since 1860	600,39	600.14	600.04	600.10	600,45	600.75	600.97	601.05_					

# LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89	577.80			
HIGH LEVEL FOR MONTH	578.46	577.88	577.77	578.28	578.34	578.58	578.52	578.46			
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0659	12/2134			
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79	577.55	577.32			
Day and Hour	5/0553	13/2218	12/0735	30/2113	13/1840	18/1129	20/0750	25/1006	 1		 
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16	577.98	1		
Day	17	17	31	15	25	1	9	13			
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577.77	577.59			
Day	5	11	20	9	23	9	20	23	1	ļ	 
Last year's mean for month	578.05	577.76	577.83	577.94	578.14	578,18	578.26	578.22	 		 
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90	581.84			
Year .	1886	1886	1886	1886	1886	1886	1876	1876			 
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18			
Year	1934	1934	1934	1934	1934	1934	1934	1934	 		 
Mean for month-last 10 years	577.94	577.85	578.02	578.01	578,32	578.51	578.65	577.82			
Mean for month-since 1860	578.35	578.31	578.38	578,59	578,90	579.14	579.27	579.22			 

# LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32	570.16			
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33	572.13	571.21			
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0245			1	
LOW LEVEL FOR MONTH	567.45	566.89	568.58	569.21	569.20	569.16	569.46	569.30			
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742		]	
HIGHEST DAILY MEAN	571.62	570.25	570,21	570.64	570.67	570.56	570.70	570.56			
Day	7	14	30	14	3	19	27	13			
LOWEST DAILY MEAN	568,70	568.59	569.00	569.67	569.89	569.70	570.04	569.82			
Day Day	6	18	6	12	27	12	4	22			
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30	571.16			
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81		1	
Year	1863	1863	1863	1952	1862	1860	1862	1862			`
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46			
Year	1935	1935	1934	1935	1934	1934	1934	1934			
Mean for month-last 10 years	570,29	570.07	570.39	570.36	571.16	571.27	571.34	571.06			
Mean for month-since 1860	570.33	570.11	570.26	570.78	571.10	571.29	571,30	571.07			

# LAKE ONTARIO (at Kingston)

								,			
MEAN FOR MONTH	243.38	243.11	243.26	244.29	245.02	245.32		245.03			
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68		245.30			
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1045	13/0020	13/2255			1
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	244.43	244.96		244.75			
Day and Hour	7/0108	24/0800	12/0807	1/1312	1/0028	18/0745	23/1547	30/0420	 		1
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68	245.28	245.39	245.26	245.15			
Day	7	5	30	23	25	19	1	13	 		
LOWEST DAILY MEAN	243.00	242.92	242.90	243.66	244.70	245.24	244.95	244.88			
Day	6	24	6	1	1	4	23	30	 	 	
Last year's mean for month	243.35	242.99	243.61	244.39		245.53	245.40	244.97		1	
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51			
Year .	1886	1886	1952	1952	1952	1952	1947	1947			
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34			
Year	1935	1936	1935	1935	1935	1935	1934	1934 245.09			
Mean for month-last 10 years	244.11	244.10	244.45	245.17	245.85	245.77	245.51	245.09			
Mean for month-since 1860	244.20	244.26	244.53	245.14	245.54	245.68	245.60	245.28			

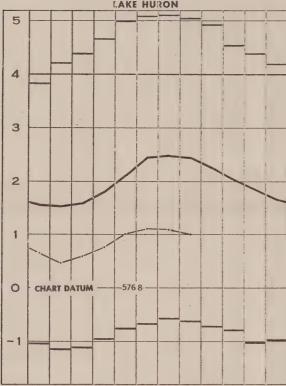
# MONTREAL HARBOUR (at King Edward Pier)

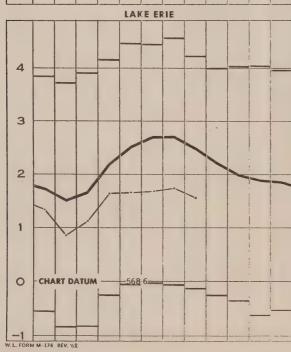
MEAN FOR MONTH	.26.63	30,13	23.08	22.14	20.58	18.48	18.08	18,21				19	
HIGH LEVEL FOR MONTH	35.41	34.01	28.81	25.57	22.95	19.29	18.67	18.97			1/	100	
Day and Hour	30/21/7	1/0/27	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348			5 98	AU'. AR	
LOW LEVEL FOR MONTH	18.09	27.45	20.69	19.76	17.55	17.52	17.36	17.53			6.44	of the way	100
Day and Hour	2/02/3	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657	28/1525		1			No.
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75		1. 4.	SEL	CA 11 40	00
Day	30	11	1	10	7	6	15	10	L	1	SEP	2 19	67
LOWEST DAILY MEAN	18.26	27.73	20.89	19.92	17.83	17.91	17.61	17.73		Walle .		, ,	THE THE
Day	2	19	19	22	31	1	12	28		1	140		
Last year's mean for month	31.64	30,43	25.93	22.31	21.81	21.57	21.10	20.19		1	MIVA		Sull
Max. mean for month since 1860	40.14	38.66	37.12	38.84	32.79	29.73	26.87	25.39			ERS!	15	The state of the s
Year	1886	1890	1890_	1887	1876	1876	1861	1861			0/	2 114	NE TO SERVICE
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48	18.08	17.51					
Year	1932	1935	_1962	1931	1958	1962	1962	1934		<u> </u>	1	-	
Mean for month-last 10 years	29.98	32.06	26.85	24.65	22.64	21.22	20.73	19.93			1		
Mean for month-since 1860	32.83	32.37	31,60	29.63	25.97	24.18	22.63	21.63		1			
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR LG L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7,486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP OCT. NOV. DEC. 0 CHART DATUM LAKE HURON 5





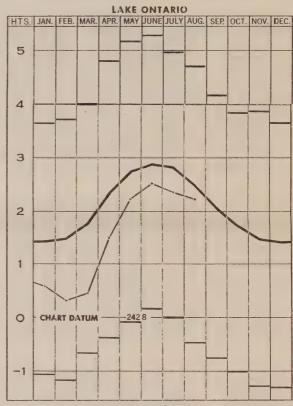


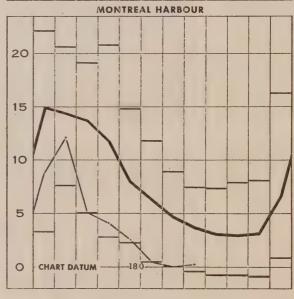
INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

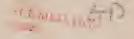
# MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1962

Maximum	a transmission enganism equipment approximation princip empty an	PERIOD
Minimum	•——	OF
Mean		RECORD
Mean		MONTHLY







# WATER LEVEL BULLETIN

# GREAT LAKES AND MONTREAL HARBOUR

St Larrance River:

1962



# INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

### LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	.599.77	599.72	599.70	600.05	600,35		600.55	600.70				1
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601,17	601.24	601.18	601.15				
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304	6/1010	16/1455				
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78	599.76	599.70	600.30				
Day and Hour	29/2330		12/0713	28/0058	19/0126	18/0755	7/1711	6/1115	4/0520				
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47	600.58	600,67	600.81				
Day	4	2	2	29	30	29	29	23	12				
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600.26	600.40	600.46	600.59				
Day	27	5	12	14	2	11	1	12	19				
Last year's mean for month	599.95	599.79	599.75	599.80	600,17	600,39	600,49	600,47	600.59				
Max. meen for month since 1860	601.21	600,99	600.92	601.12	601.53	601.84	602.16	602,27	602.42				
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869				
Min. mean for month since 1860	598.66	598.48	598,40	598.33	598.46	598.79	599.14	599.33	599.62				
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926				
Mean for month-last 10 years	600.07	599.77	599.75	599.81		600.55	600.78	600.33	600.86				
Mean for month-since 1860	600,39	600,14	600,04	600.10	600.45	600.75	600.97	601.05	601.08				

# LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89	577.80	577.69			
HIGH LEVEL FOR MONTH	578.46	57,7.88	577.77	578,28	578.34	578.58	578,52	578.46	578.55			
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0659	13/2134	11/0901		 l	
LOW LEVEL FOR MONTH	576.61	576.74	576.73		576,64	576.79	577.55	577.32	577.09			
Day and Hour	5/0553	13/2218	12/0735	30/2113	13/1840	18/1129	20/0750	25/1006	13/2010			
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16	577.98	578.12			
/ Day	17	17	31	15	25	1	9	13	11			
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577-77	577.59	577.41			
Day	5	11	20	9	23	9	20	23	24			
Last year's mean for month	578.05	577.76	577,83	577.94	578.14	578.18	578,26	578,22	578,14			
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90	581.84	581.73			
Year	1886	1886	1886	1886	1886	1886	1876	1876	1876	 		
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08			
Year '	1934	1934	1934	1934	1934	1934.	1934	1934	1934			4
Mean for month-last 10 years	577.94	577.85	578.02	578,01	578.32	578.51	578.65	577.82	578.41	 	 	
Mean for month-since 1860	578.35	578.31	578,38	578.59	578.90	579.14	579.27	579.22	579.05			4

# LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32	570.16	569.93			
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571,99	571.33	572.13	571.21	572.23			
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0245	6/1750	13/2256			
LOW LEVEL FOR MONTH	567.45	566.89	568.58	569.21	569,20	569.16	569.46	569.30	567.90			
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742	28/0447			
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70	570.56	570.64			
Day	7	14	30	14	3	19	27	1.3	11			
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569,70	570.04	569.82	568.96			
Day	6	18	6	12	27	12	4	22	27			
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30	571.16	570.98			
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58			
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861			
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35			
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	tj.		
Mean for month-last 10 years	570.29	570,07	570,39	570.86	571.16	571.27	571.34	571.06	570.77	3		
Mean for month-since 1860	570, 33	570.11	570.26	570.78	571.10	571.29	571.30	571.07	570.80			
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# LAKE ONTARIO (at Kingston)

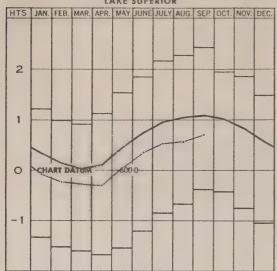
HIGH LEVEL FOR MONTH
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Day 7 5 30 23 25 19 1 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LOWEST DAILY MEAN 243.00 242.92 242.90 243.66 244.70 245.24 244.95 244.88 244.15  Day 6 24 6 1 1 4 23 30 28
Day 6 24 6 1 1 4 23 30 28
2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2 2/2
2/2 25 2/2 20 2/2 62 2/2 62 2/2 20 2/5 20 2/5 52 2/2 52 2/2 52
Max. mean for month since 1860 246.43 246.50 246.79 247.61 247.96 248.07 247.76 247.75 246.95
Year 1886 1886 1952 1952 1952 1952 1947 1947
Min. mean for month since 1860 241.73 241.63 242.13 242.42 242.72 242.87 242.80 242.34 242.05
Mean for month-last 10 years 244-11 244-10 244-45 245-17 245-85 245-77 245-51 245-09 244-69
Mean for month-since 1860 244.20 244.26 244.25 245.14 245.54 245.68 245.60 245.28 244.87

# MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	26.63	30,13	23.08	22.14	20.58	18.48	18.08	18.21	17.95				
HIGH LEVEL FOR MONTH	35.41	34.01	28.81	25.57	22.95	19.29	18.67	18.97	19.18				
Day and Hour	30/21/7	1/0/27	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348	28/2142				
LOW LEVEL FOR MONTH	18.09	27.45	20.69	19.76	17.55	17.52	17.36	17.53	17.05				
Day and Hour	2/02/3	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657	28/1525	1/0637				
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75	18.89				
Day	30	1	1	10	7	6	1.5	10	29				
LOWEST DAILY MEAN	18.26	27.73	20.89	19.92	17.83	17.91	17.61	17.73	17.49				
Day	2	19	19	22	31	1	12	28	8				
Last year's mean for month	31.64	30.43	25.93	22.31	21.81	21.57	21.10	20.19	20,00				
Max. mean for month since 1860	40.14	38.66	37.12	38.84	32.79	29.73	26.87	25.39	25.38				
Year	1886	1890	1890_	1887	1876	1876	1861	1861	1869				
Min, mean for month since 1860	21.25	25.61	23.08	20.78	20,21	18.48	18.08	17.51	17.22			أنستنانا	
Year .	1932	1935	1962	1931	1958	1962	1962	1934	1934				
Mean for month-last 10 years	29.98	32.06	26.85	24.65	22.64	21.22	20.73	19.93	19.60				
Mean for month-since 1860	32,83	32.37	31.60	29.63	25.97	24.18	22.63	21.63	21.04				
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	ост.	NOV.	DEC.	MEAN

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

LAKE SUPERIOR



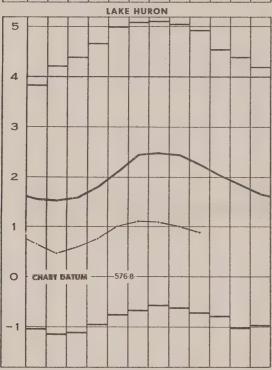


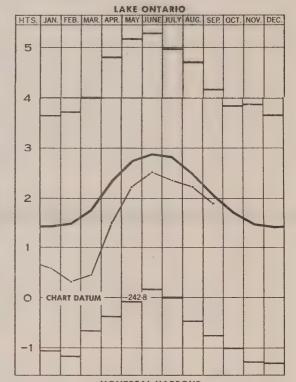
INLAND WATER LEVELS
CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

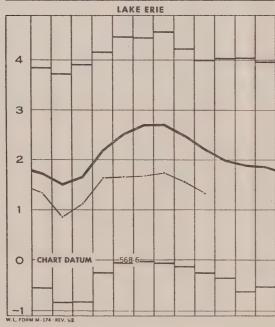
# MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

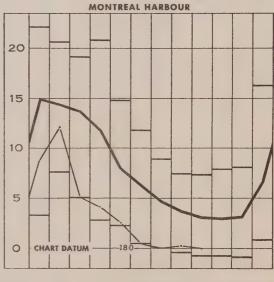
1962

Maximum			-		PERIOD
Minimum		-	-		OF
Mean	-	-		-	RECORD
Mean					MONTHLY











# WATER LEVEL BULLETIN GREAT LAKES AND MONTREAL HARBOUR

1962

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE
DEPARTMENT OF MINES AND TECHNICAL SURVEYS

# LAKE SUPERIOR (at Port Arthur)

	JAN	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	509.77	529.72	599.70	600.05	600.35	600.52	600.55	600.70	600,60			
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601.17	601.24	601.13	601.35	601.04			
Day and Hour	2/1000	4/1345	30/0/33	27/2358	23/0452	18/0627	7/2304_	6/1010	16/1455	12/1707			
LOW LEVEL FOR MONTH	509.23	590.20	599.39	599.14	599.25	599.78	599.76	590.70	600.30	600.12			
Day and Hour	20/4330	4/21/15	12/0713	28/0058	19/0126	19/0755	7/1711	6/1115	4/0520	28/1116			
HIGHEST DAILY MEAN	600,20	599.90	599.85	599.31	600.35	600.47	600.58	600.67	600.81	600.80		-	
Day	4	2	2	29	30	29	29	23	12	15			
LOWEST DAILY MEAN	500.00	599.66	599.65	599.57	599.80	600.26	600.40	600.46	600.59	600.35			
Day	.27	5	12	14	2	11	1	12	19	3			
Last year's mean for month	599,95	599.79	522.75	599.80	600.17	600.39	600.49	600,47	600,59	600.57			
Max. mean for month since 1860	601.21	600.39	600.92	601.12	601.53	601.34	602.16	602.27	602.42	601.94			
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916			
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599-14	599.33	599.62	599.57			
Year	1036	1926	1926	1926	1926	1926	1926	1926	1926	1925			
_Mean for month-last 10 years	. 600 .07_	599.77	599.75	599.31	600.11	600.55	.600,78	600.33	600.86	600.74			
Mean for month-since 1860	600.39_	600. V	600.04	600.10	600.45	600.75	600.97	601.05	601.08	601.C0			
	1		•	•	•			1	'	1		, , , ,	

# LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89	577.30	577,69	577.38		
HIGH LEVEL FOR MONTH	579.46	577.33	577.77	578.28	578.34	578.58	573.52	578.46	578.55	573.05		
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0559	13/213/	11/0901	. 12/0938		
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79	577.55	577.32	577.09	576.78		
Day and Hour	-5/0553	13/2218	12/0735_	30/2113	13/1840	18/1129	20/0750	25/1006	13/2010	29/2158		
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16	577.98	578.12	577.66		
Day	17	17	31	15	25	1	9	13	11	17		
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577.77	577.59	577.41	577.16		
Day	5	11	20	2	23	9	20	. 23	24	15		
Last year's mean for month	573.05	577.76	577.83	577.94	578.14	578.18	_578.26	.578.22	578.14	573.C4	 	
Max. mean for month since 1860	530.91	580.98	581.17	581.46	581.79	581.88	581.90	581.84	581.73	581.33		
Year	1386	1886	1886	1886	1886	1886	1276	1876	1876	1376		
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08	576.01		
Year Year	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	 	
Mean for month last 10 years	577.04	577.35	578.02	578.01	578.32	578.51.	578.65	577.32	_578.41_	577.84	 	
Mean for month-since 1860	578.35	578.31	578.38	578,59	578.90	.579.J.L	.572 -27	579.22	579.05	579.84	 	

# LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94	_569.45	569.73	570.24	570.27	570.29	570.32	570.16	569.93	569.92		
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33	572.13	571.21	572.23	571.65		
Day and Hour	7/1029	14/0134	30/1113	9/1155	24/1253	19/0150	21/0245	6/1750	13/2256	22/2350		
LOW LEVEL FOR MONTH	567.45	566.39	568.58	569.21	569.20	569.16	569.46	569.30	567.90	568.79		
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742	28/0447	28/2230		
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70	570.56	570.64	570.47		
Day	7	1/4	30	14	3	19	27	13	11	27	1	
LOWEST DAILY MEAN	563,70	568.59	569.00	569.67	569.89	569.70	570.04	569.82	558.96	560.57		and the state of t
Day	6	18	6	12	27	12	4	22	27	2	i	
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30	571.16	570.98	570.45	1	
Max, mean for month since 1860	572.44	572.32	572,50	572.75	573.06	573.04	573.16	572.31	572.58	572.63		
Year	1363	1863	1863	1952	1862	1860	1862	1862	1861	1861		1
Min, mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	563.46	568.35	568.24		
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934		
Mean for month last 10 years	_570,29	570,07	570.39	570,36	571.16	571.27		571.06	570,77	570.16	 -	
Mean for month-since 1860	570.33	570.11	.570,26	570.78	571.10	571,29		571.07	570.80	570.59		-

# LAKE ONTARIO (at Kingston)

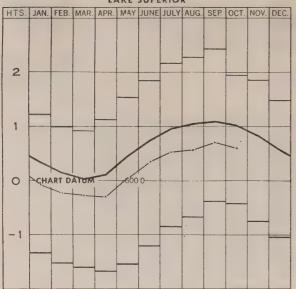
MEAN FOR MONTH	243.33	243.11	243,26	244.29	245.02	244.32		245,03	244.69	244.51		
HIGH LEVEL FOR MONTH	244.40	243.57	24.3.79	244,095	245.59	245.68		24,5,30	245.25	245.10	1	
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/01.59	19/1045	13/0020	13/2855	18,1925	23/04,37		
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	241.1.3	241,06		244.75	243.86	244.12		
Day and Hour	7/0103	24/0800	12/0807	1/1312	1/0028	18/0745	23/1547	30/0420	28/0632	29/0106		
HIGHEST DAILY MEAN	243.73	243.31	24,3.63	244.68	245.28	245.39	245.26	245.15	244.94	244.61		
Day	7	5	30	23	25	19	11	13.	1	12		
LOWEST DAILY MEAN	243.00	242.92	24,2,90	243.66	244.70	245.24	244.95	244.38	244.15	244.35		
Day	6	24	6	1	1	4	23	30	28	29		
Last year's mean for month	243.35	242.39	243.61	244.39	245.30	21,5,53	21.5.40	244.27	244.58	243.98		
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95	246.64		
Year	1336	1986	1952	1952	1952	1952	1947	1947	1947	1861		
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05	241.79		
Year	1935	1936	1935	1935	1935	1935	1934.	1934	1934	1934		
Mean for month-last 10 years	244.11	244.10	2/11.015	245.17	245.85	245.77	245.51	245.09	244,69	244.12		
Mean for month-since 1860	24/220	244.26	244.53	245.14	. 245.54	245.68	245.60	245.28	244.87	244.51		 

# MONTREAL HARBOUR (at King Edward Pier)

MEAN FOR MONTH	.26.63	30,13	23.08	22.14	20.58	18.48	18.08	18,21	17.25	13,07			
HIGH LEVEL FOR MONTH	35.41	34.01	28.31	25.57	22.95	19.29	18.67	13.97	19.18	18.92			
Day and Hour	30/21/7	1/0427	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348	28/2142	31/2340			
LOW LEVEL FOR MONTH	13.09	27.45	20.69	19.76	17.55	17.52	17.36	17.53	17.05	17.32		``	
Day and Hour	2/02/3	19/1300	19/1200		31/2331	1/1707	12/1657	23/1525	1/0637	4/1623			
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75	18.89	18.60			
Day	30	1	1	10	7	6	15	10	29	31			
LOWEST DAILY MEAN	18,26	27.73	20.89.	19.92	17.83	17.91	17.61	17.73	17.49	17.53			
Day	2	19	19	22	31	1	12	28	8	4			
Last year's mean for month	31.64	30.43	25.93	22.31	21.81	21.57	21,10	20,19	20,00	19.36			
Max, mean for month since 1860	40.14	38,66	37.12	38.94	32.79	29.73	26.87	25.39	25.38	25.82			
Year .	1836	1890	1890	1887	1876	1876	1861	1361	1869	1861			
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20,21	18.48	18.08	17.51	17.22	17.21			
Year	1932	1935	1962	1931	1958	1962	1962	1934	1934	1934			
Mean for month-last 10 years	29.98	32.06	26,85	24.65	22,64	21.22	20.73	19.93	19.60	19.46			
Mean for month-since 1860	32,83	32.37	31,60	29.63	25.97	24.18	22.63	21.63	21.04	20.91			
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

# LAKE SUPERIOR



LAKE HURON

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CHART DATUM

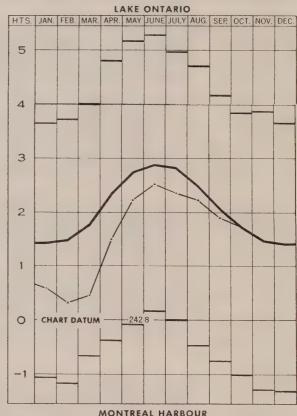
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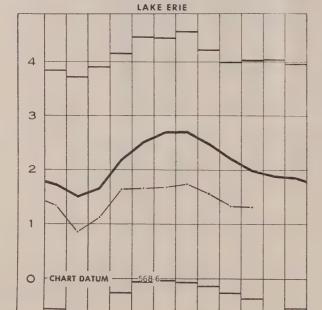
# MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

1962

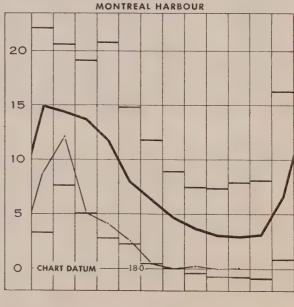
Maximum		PERIOD
Minimum		OF
Mean		RECORD
Mean	Commence of the commence of th	MONTHLY



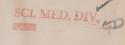




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HEIGHTS ARE IN FEET REFERRED TO CHART DATUM





# WATER LEVELSBULLETIN for the GREAT LAKES AND MONTREAL HARBOUR

St. Laurence River,

1962



### INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

BAKE	SHIP	ERIOR	(at Port	Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
			-	-				-	-		-	DEC.	MEAN
MEAN FOR MONTH	599.93	599.77	599.72	599.70	600.05	600.35	600.52	600.55	600.70	600,60	600,32		
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600.27	601.29	601.17	601.24	601.18	601.15	601.04	600,77		,
Day and Hour	2/1000	1 -2-65	30/0853	27/2358	23/0452	18/0627	7/2304	6/1010	16/1455	12/1707	20/10/5		
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78	599.76	599.70	600,30	600,12	599.75		
Day and Hour	29/2330	4/2145	12/0713	28/0058	19/0126	18/0755	7/1711	6/1115	4/0520	28/1116	21/1720		
HIGHEST DAILY MEAN	600,20	599.90	599.85	599.81	600.35	600.47	600.58	600,67	600.81	600,80	600,49		
Day	4	2	2	29	30	29	29	23	12	15	6		
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600,26	600.40	600.46	600.59	600.35	. 600.11		
Day	27	5	12	14	2	11	1	12	19	3	22		
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49	600.47	600.59	600,57	600.48		
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27	602.42	601.94	601.85		
Year	1952	1952	1951	1951	1951	1916	1876	11876	1869	1916	1900		
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33	599.62	599.57	599.24		
Year	1926	1926	1926	11926	1926	1926	1926	1926	1926	1925	1925		0
Mean for month-last 10 years	600.07	599.77	599.75	599.81	600.11	600.55	600.78	600.83	600.86	600.74	600.54		
Mean for month-since 1860	600,39	600.14	600.04	600.10	600.45	600.75	600.97	601.05	601.08	601.00	600.82		

# LAKE HURON (at Goderich)

577.45	577.26	577.34	577.56	577.81	577.90	577.89	577.80	577.69	577.38	576.95	
578.46	577.88	577.77			578.58	578.52	578.46	578.55	578.05	577.63	
30/1016	6/0151	30/0305			18/0111	9/0659	13/2134	11/0901	12/0938	22/2128	
576.61	576.74	576.73	576.92		576.79	577.55	577.32	577.09	576.78	576.32	
5/0553	13/2218	12/0735		13/1840	18/1129	20/0750	25/1006	13/2010	29/2158	15/0553	
577.97	577.48	577.50		578.03	578.00	578.16	577.98	578.12	577.66	577.37	
17	17	31	15		1	9	13	11	17	22	1
577.03	577.04	577.10	577.35		577.78	577.77	577.59	577.41	577.16	576.62	
5	11	20	9	23	9	20	23	24	. 15	15	
578.05	577.76	577.83	577.94	578.14	578.18	578.26	578.22	578.14	578.04	577.85	
580.91	580.98	581.17	581.46		581.88	581.90	581.84	581.73	581.33	581.18	
1886	1886	1886	1886	1886	1886	1876	1826	1876	1876	1876	
575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08	576.01	575.77	
1934	1934	1934			1934	1934	1934	1934	1934	1934	
577.94	577.85	578.02	578.01		578.51	578.65	577.82	578.41	577.84	578.02	
578.35	578.31	578,38	578.59	578.90	579.14	579.27	579.22	579.05	578.84	578.64	
	578.46 30/1016 576.61 570.553 577.97 17 577.03 5 578.05 580.91 1886 575.76 1934 577.94	578.46 577.88 30/1016 6/0151 576.61 576.74 5/0553 13/2218 577.97 577.48 17 577.03 577.04 5 11 578.05 577.76 580.91 580.98 1886 1886 575.76 575.66 1934 1934 577.94 577.85	578.46 577.88 577.77 30/1016 6/0151 30/0905 576.61 576.74 576.73 5/0553 13/2218 12/0735 577.97 577.48 577.50 17 17 31 577.03 577.04 577.10 5 11 20 578.05 577.76 577.83 580.91 580.98 581.17 1886 1886 1886 575.76 575.66 575.69 1934 1934 1934 577.94 577.85 578.02	578.46         577.88         577.77         578.28           30/1016         6/0151         30/0305         15/0558           576.61         576.74         576.73         376.92           5/0553         13/2218         12/0735         30/2113           577.97         577.48         577.50         577.86           17         17         31         15           57.03         577.04         577.10         577.35           580.91         580.98         581.17         581.17           1886         1886         1886         1886           1934         1934         1934         1934           577.94         577.85         578.02         578.01	578.46         577.88         577.77         776.28         578.24           30/1016         6/0151         30/0305         15/0558         13/1602           576.61         576.74         576.73         576.92         576.64           5/0553         13/2218         12/0735         30/2113         13/1840           577.97         577.48         577.50         577.86         578.03           17         17         31         15         25           57         57         577.48         577.30         577.35         577.65           5         11         20         9         23           578.05         577.76         578.83         577.94         578.14         580.91         580.98         581.17         581.46         581.79         1886         1886         1886         1886         1886         1886         1896         1896         1934         1934         1934         1934         1934         577.93         578.02         578.02         578.02         578.02         578.02         578.02         578.02         578.02         578.02         578.02         578.02         578.02         578.02         578.02         578.02         578.02	578.46         577.88         577.77         782.28         578.24         578.58           30/1016         6/0151         30/3055         15/0558         13/1602         18/0111           576.61         576.74         576.73         576.92         576.64         576.79           5/0553         13/2218         12/0735         30/2113         13/1840         18/1129           577.97         577.48         577.50         577.86         578.03         578.00           17         17         31         15         577.65         577.85           5         11         20         9         23         9           578.05         577.76         577.83         577.94         578.14         578.18           580.91         580.98         581.17         581.46         581.79         581.88           1886         1886         1886         1886         1886         1886           575.76         575.66         575.69         575.85         576.04         576.13           1934         1934         1934         1934         1934         1934         1934           577.95         5778.80         578.01         578.32         578.5	578.46         577.88         577.77         778.28         578.24         578.58         573.52           30/1016         6/0151         30/0305         15/0558         13/1602         18/0111         9/0659           576.61         576.74         576.73         576.92         576.64         576.79         577.55           5/0553         13/2218         12/0735         30/2113         13/1840         18/1129         20/0750           577.97         577.48         577.50         577.86         578.03         578.00         578.16           17         17         31         15         25         17.79         577.76         577.78         577.78         577.77         577.78         577.77         577.48         577.94         578.14         578.18         578.76         9         23         9         20         20         23         9         20         20         28         18.6         188         581.79         581.88         581.90         581.88         581.90         581.88         581.90         581.88         581.90         581.88         581.90         581.90         581.76         576.13         576.13         576.13         576.24         576.13         576.23	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

# LAKE ERIE (at Port Colborne)

MEAN FOR MONTH	569.94	569.45	569.73	570.24	570.27	570.29	570.32	570.16	569.93	569,92	569,60	-	
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99	571.33	572.13	571.21	572.23	571.65	572.36		
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0245	6/1750	13/2256	22/2350	24/0353		
LOW LEVEL FOR MONTH	.567.45	566.89	568.58	569.21	569.20	569.16	569.46	569.30	567.90	568.79	566.65		, 1
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742	28/0447	28/2230	10/0534		
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70	570.56	570.64	570,47	570.47		
Day	. 7	14	30	14	3	19	27	1 13	11	27	22		
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569.70	570.04	569.82	568.96	569.57	567.64		
Day	6	18	6	12	27	12	4	22	27	2	10		
Lest year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30	571.16	570.98	570-45	570.07		
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58	572.63	572.64		
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861	1861	1861		
Min. mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35	568.24	567.97		
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934	1934		
Mean for month-last 10 years	570,29	570.07	570.39	570.86	571.16	571.27	571.34	571.06	570.77	570.16	570:41		
Mean for month-since 1860	570.33	570.11	570.26	570.78	571.10	571.29	571,30	571.07	570,80	570.59	570.48		
					1			4	1				

# LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	243,38	243,11	243.26	244.29	245.02	245.32	245.16	245.03	244.69	244.51	244.24		
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68		245.30	245.25	245.10	244.62		
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/10/5	13/0020	13/2255	18/1925	23/0437	21/0738		
LOW LEVEL FOR MONTH	242.70	242.50	242.71	243.46	244.43	244.96	244.69	244.75	243.86	244.12	243.50		
Day and Hour	7/0108	24/0800	12/0807	1/1312	1/0028	18/0745		30/0420	28/0632	29/0106	10/0828		
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68		245.39	245.26	245.15	244.94	244.61	244.39		
Day	7	5	30	23	25	19	1	13	1	12	21	1	
LOWEST DAILY MEAN	243.00	242.92	242.90	243.66	244.70	245.24		244.88	244.15	244.35	244.01		
Day	6	24	6	1	1	1	23	30	28	29	10	- 04	
Last year's mean for month	243.35	242.99	243.61	244.39		245.53	245.40	244.97	244.58	243.98	243.59		
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95	246.64	246.65		
Year	1886	1886	1952	1952	1952	1952	1947	1947	1947	1861	1861		
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05	241.79	241.52		
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934	1934.	193/		
Mean for month-last 10 years	244.11	244.10	21/10/15	245.17		245.77	245.51	245.09	244.69	244.12	244.15		
Mean for month-since 1860	244.20	244.26	244.53	245.14	245.54	245.68	245.60	245.28	244.87	244.51	211.27		

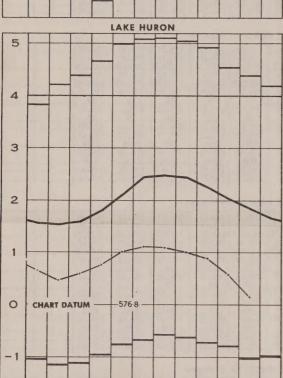
# MONTREAL HARBOUR (at King Edward Pier)

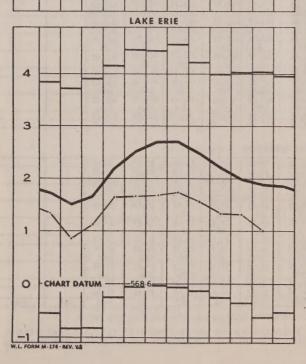
	2/ /-	20.32	22 24	00 71	100:00	24 14	24.04	24 02	1 200 05	1			
MEAN FOR MONTH	,26.63	30,13	23,08	22.14	20.58	18.48	18.08	18.21	17.95	18.07	18,47		
HIGH LEVEL FOR MONTH	35.41	34.01	28.81	25.57	22.95	19.29	18.67	18.97	19.18	18.92	20,33		
Day and Hour	30/21/7	1/0/27	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348	28/2142	31/2340	12/0919		
LOW LEVEL FOR MONTH	18.09	27.45	20.69	19.76	17.55	17.52	17.36	17.53	17.05	17.32	17.37		
Day and Hour	2/02/3	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657	28/1525	1/0637	4/1623	27/1256		
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75	18.89	18,60	19.86		
Day	30_	1	1	10	7	6	1 15	10	29	31	14		
LOWEST DAILY MEAN ,	18.26	27.73	20.89	19.92	17.83	17.91	17.61	17.73	17.49	1.17.53	17.54		
Day	2	19	19	22	31	1	12	28	8	4	27		
Last year's mean for month	31.64	30,43	25.93	22.31	21.81	21.57	21.10	20.19	20,00	19.36	18.28		100
Mex. mean for month since 1860	40.14	38.66	37.12	38.84	32,79	29.73	26.87	25.39	25.38	25.82	26.05		
Year	1886	1890	1890	1887	1876	1876	1861	1861	1869	1861	1861		
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48	18.08	17.51	17.22	17.21	17.07		
Year	1932	1935	1962	1931	1958	1962	1962	1934	1934	1934	1934		
Mean for month-last 10 years	29.98	32.06	26.85	24.65	22.64	21.22	20.73	19.93	19.60	19.46	19.53		
Mean for month-since 1860	32,83	32.37	31,60	29.63	25.97	24.18	22.63	21.63	.21.04	20,91	21.14		
the state of the s	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12.444 FEET BELOW BENCH MARK 1248-G OR 7.486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

LAKE SUPERIOR HTS. JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEP. OCT. NOV. DEC. 2 0 CHART DATUM





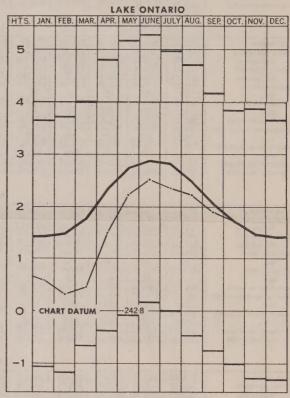


INLAND WATER LEVELS CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

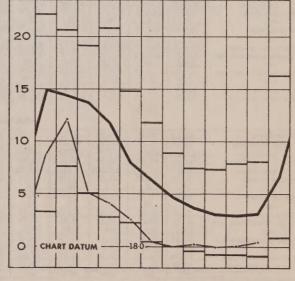
# MONTHLY MEAN WATER LEVELS GREAT LAKES AND MONTREAL HARBOUR

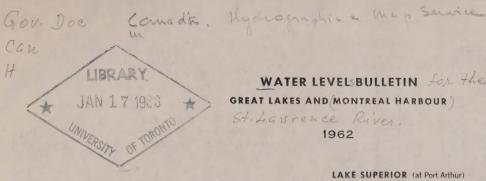
1962

Maximum		PERIOD
Minimum	TOTAL TOTAL CONTRACTOR	OF
Mean		RECORD
Mean	·	MONTHLY



MONTREAL HARBOUR





# WATER LEVELS BULLETIN for the

GREAT LAKES AND MONTREAL HARBOUR

St. Lasrence River, 1962

INLAND WATER LEVELS

CANADIAN HYDROGRAPHIC SERVICE DEPARTMENT OF MINES AND TECHNICAL SURVEYS

# LAKE SUPERIOR (at Port Arthur)

	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	· AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN
MEAN FOR MONTH	599.93	599,77	599.72	599.70	600.05	600.35	600.52	600.55	600.70	600,60	600,32	600,01	600,18
HIGH LEVEL FOR MONTH	600.58	600.13	600.00	600,27	601.29	601.17	601.24	601.13	601.15	601.04	600,77	600.62	
Day and Hour	2/1000	4/1345	30/0853	27/2358	23/0452	18/0627	7/2304	6/1010	16/1455	12/1707	20/1045	16/1503	
LOW LEVEL FOR MONTH	599.23	599.28	599.39	599.14	599.25	599.78	599.76	599.70	600.30	600.12	599.75	599.30	
Day and Hour	29/2330	4/2145	12/0713	28/0058	19/0126	18/0755	7/1711	6/1115	4/0520	28/1116	21/1720	29/0528	
HIGHEST DAILY MEAN	600.20	599.90	599.85	599.81	600.35	600.47	600.58	600,67	600.81	600.80	600.49	600.28	
Day	4	2	2	29	30	29	29	23	12	15	6	3	
LOWEST DAILY MEAN	599.69	599.66	599.65	599.57	599.80	600,26	600.40	600.46	600.59	600.35	600.11	599.66	
Day	27	5	12	14	2	11	1	12	19	3	22	29	
Last year's mean for month	599.95	599.79	599.75	599.80	600.17	600.39	600.49	600,47	600,59	600.57	600.48	600.24	600.22
Max. mean for month since 1860	601.21	600.99	600.92	601.12	601.53	601.84	602.16	602.27	602.42	601.94	601.85	601.47	
Year	1952	1952	1951	1951	1951	1916	1876	1876	1869	1916	1900	1900	
Min. mean for month since 1860	598.66	598.48	598.40	598.33	598.46	598.79	599.14	599.33	599.62	599.57	599.24	598.95	
Year	1926	1926	1926	1926	1926	1926	1926	1926	1926	1925	1925	1925	
Mean for month-last 10 years	600.07	599.77	599.75	599.81	600.11	600.55	600.78	600,83	600.86	600.74	600.54	600.29	600.36
Mean for month-since 1860	600.39	600.14	600.04	600.10	600.45	600.75	600.97	601.05	601.08	601.00	600,32	600.57	600.62

# LAKE HURON (at Goderich)

MEAN FOR MONTH	577.45	577.26	577.34	577.56	577.81	577.90	577.89	577.80	577.69	577.38	576.95	576.85	577.49
HIGH LEVEL FOR MONTH	578.46	577.38	577.77	578.28	578.34	578.58	578.52	578.46	578.55	579.05	577.63	577.86	
Day and Hour	30/1016	6/0151	30/0305	15/0558	13/1602	18/0111	9/0659	13/2134	11/0901	12/0938	22/2128	29/1405	
LOW LEVEL FOR MONTH	576.61	576.74	576.73	576.92	576.64	576.79	577.55	577.32	577.09	576.78	576.32	576.05	
Day and Hour	5/0553	13/2218	12/0735_	30/2113	13/1840	18/1129	20/0750	25/1006	13/2010	29/2158	_15/0553	21/0825	
HIGHEST DAILY MEAN	577.97	577.48	577.50	577.86	578.03	578.00	578.16	577.98	578.12	577.66	577.37	577.35	
Day	17	17	31	15	25	1	9	13	11	17	22	7	
LOWEST DAILY MEAN	577.03	577.04	577.10	577.35	577.65	577.78	577.77	577.59	577.41	577.16	576.62	576.29	
Day	5	11	20	9	23	9	20	23	24	15	15	2.1	
Last year's mean for month	578.05	577.76	577.83	577.94	578.14	578.18	578.26	578.22	578.14	578.04	577.85	577.65	578.00
Max. mean for month since 1860	580.91	580.98	581.17	581.46	581.79	581.88	581.90	581.84	581.73	581.33	581.18	580.99	
Year	1386	1886	1886	1886	1886	1886	1876	1876	1876	1876	1876	1933	
Min. mean for month since 1860	575.76	575.66	575.69	575.85	576.04	576.13	576.22	576.18	576.08	576.01	575.77	575.83	
Year	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	1934	1933	
Mean for month-last 10 years	577.04	577.85	578.02	578.01	578.32	578.51	578.65	577.82	578.41	577.84	578.02	577.83	578.18
Mean for month-since 1860	578.35	578.31	578.38	578.59	578.90	579.14	579.27	579.22	579.05	578.84	573.64	573.45	578.79

# LAKE ERIE (at Port Colborne)

	1 1/0 01	E60 1E	E(0 712	E20 21	570.27	570.29	F00 20	E00 3/	F/0 02	5/0 00 I	-/0 /0	5/0 00 1	r/0 00
MEAN FOR MONTH	569.94	569.45	569.73	570.24		571.33	570.32	570.16	569.93	569.92	569.60	569.92	569.98
HIGH LEVEL FOR MONTH	573.32	572.45	570.70	572.48	571.99		572.13	571.21	572.23	571.65	572.36	572.90	
Day and Hour	7/1029	14/0734	30/1113	9/1155	24/1253	19/0150	21/0245	6/1750	13/2256	22/2350	24/0353	23/1118	
LOW LEVEL FOR MONTH	567.45	556.89	568.58	569.21	569.20	569.16	569.46	569.30	567.90	568,79	566.65	568,23	
Day and Hour	6/1733	24/0238	6/1802	12/2032	8/0519	12/0414	23/2429	9/0742	28/0447	28/2230	10/0534	21/0202	
HIGHEST DAILY MEAN	571.62	570.25	570.21	570.64	570.67	570.56	570.70	570.56	570.64	570.47	570.47	571.26	
Day	7	14	30	14	3	19	27	13	11	27	22	23	1000
LOWEST DAILY MEAN	568.70	568.59	569.00	569.67	569.89	569.70	570.04	569.82	568.96	569.57	567.64	568,95	9.1
Day	6	18	6	12	27	12	4	22	27	2	10	20	
Last year's mean for month	569.77	569.54	570.22	570.91	571.58	571.48	571.30	571.16	570.98	570.45	570.07	570.13	570.63
Max. mean for month since 1860	572.44	572.32	572.50	572.75	573.06	573.04	573.16	572.81	572.58	572.63	572.64	572.55	
Year	1863	1863	1863	1952	1862	1860	1862	1862	1861	1861	1861	1861	7. 3 4 3
Min, mean for month since 1860	568.03	567.75	567.76	568.34	568.55	568.56	568.53	568.46	568.35	568.24	567.97	568.07	
Year	1935	1935	1934	1935	1934	1934	1934	1934	1934	1934	1934	1934	1,1,6,1,1
Mean for month-last 10 years	570.29	570.07	570.39	570.86	571.16	571.27	571.34	571.06	570.77	570,16	570.41	570.30	570.69
Mean for month-since 1860	570.33	570,11	570.26	570.78	571.10	571.29	571.30	571.07	570.80	570.59	570.48	570.45	570.74

# LAKE ONTARIO (at Kingston)

MEAN FOR MONTH	243.33	243.11	243.26	244.29	245.02	245.32		245.03	244.69	244.51	244.24	244.25	244.36
HIGH LEVEL FOR MONTH	244.40	243.57	243.79	244.95	245.59	245.68		245.30	245.25	245.10	244.62	245.07	
Day and Hour	7/0358	5/2058	31/2324	23/0044	24/0159	19/1045	13/0020	13/2255	18/1925	23/0437	21/0738	23/1848	
LOW LEVEL FOR MONTH	242.70	212.50	242.71	243.46	244.43	244.96	244.69	244.75	243.86	244.12	243.50	243.67	
Day and Hour	7/0108	24/0800	12/0807	1/1312	1/0028	18/0745	23/1547	30/0420	28/0632		10/0828	6/2003	
HIGHEST DAILY MEAN	243.73	243.31	243.63	244.68	245.28	245.39	245.26	245.15	244.94	244.61	244.39	244.53	
Day	7	5	30	23	25	19	1	13	1	12	21	. 23	
LOWEST DAILY MEAN	243.00	242.92	242.90	243.66	244.70	245.24	244.95	244.88	244.15	244.35	244.01	243.97	
Day	6	24	6	1	1	4	23	30	28	29	10	31	
Last year's mean for month	243.35	242.99	243.61	244.39	245.30	245.53	245.40	244.97	244.58	243.98	243.59	243.54	244.27
Max. mean for month since 1860	246.43	246.50	246.79	247.61	247.96	248.07	247.76	247.51	246.95	246.64	246.65	246.44	
Year	1386	1886	1952	1952	1952	1952	1947	1947	1947	1861	1861	1861	
Min. mean for month since 1860	241.73	241.63	242.13	242.42	242.72	242.97	242.80	242.34	242.05	241.79	241.52	241.50	
Year	1935	1936	1935	1935	1935	1935	1934	1934	1934	1934	1934	1934	
Mean for month last 10 years	244.11	244.10	244.45	245.17	245.85	245.77	245.51	245.09	244.69	244.12	244.15	244.06	244.76
Mean for month-since 1860	244.20	244.26	244.53	245.14	245.54	245.68	245.60	245.28	244.87	244.51	244.27	244.20	244.86

# MONTREAL HARBOUR (at King Edward Pier)

			Annual branch	-									
MEAN FOR MONTH	26,63	30.13	23.08	22,14	20.58	18.48	18.08	18,21	17.95	18,07	18.47	19.63	20,95
HIGH LEVEL FOR MONTH	35.41	34.01	28.81	25.57	22.95	19.29	18.67	18.97	19.18	18.92	20.33	30.32	
Day and Hour	30/21/7	1/0427	6/1930	10/0902	6/2253	6/1030	15/1925	10/1348	28/2142	31/2340	12/0919	31/1030	
LOW LEVEL FOR MONTH	18.09	27.45	20.69	19.76	17.55	17.52	17.36	17.53	17.29	17.32	17.37	17.12	
Day and Hour	2/0243	19/1200	19/1200	22/1512	31/2331	1/1707	12/1657	28/1525	10/1059	4/1623	27/1256	21/0404	
HIGHEST DAILY MEAN	34.59	33.96	27.35	25.39	22.74	19.09	18.46	18.75	18.89	18.60	19.86	29.17	
Day .	30	1	1	10	7	6	15	10	29	31	1/4	31	
LOWEST DAILY MEAN	18.26	27.73	20.39	19.92	17.83	17.91	17.61	17.73	17.49	17.53	17.54	17.60	
Day	2	19	19	22	31	1	12	28	8	4	27	3	
Last year's mean for month	31.64	30.43	25.93	22.31	21.81	21.57	21.10	20.19	20,00	19.36	18.28	19.20	22.65
Max. mean for month since 1860	40.14	38.66	37.12	38.84	32.79	29.73	26.87	25.39	25.38	25.82	26.05	34.21	
Year	1886	1890	1890	1837	1876	1876	1861	1861	1869	1861	1861	1875	
Min. mean for month since 1860	21.25	25.61	23.08	20.78	20.21	18.48	18.08	17.51	17.22	17.21	17.07	18.73	
Year	1932	1935	1962	1931	1958	1962	1962	1934	1934	1934	1934	1949	
Mean for month-last 10 years	29.98	32.06	26.85	24.65	22.64	21.22	20.73	19.93	19.60	19.46	19,53	21.02	23.14
Mean for month-since 1860	32.83	32.37	31,60	29.63	25.97	24.18	22.63	21.63	21.04	20.91	21.14	24.69	25.75
	JAN.	FEB.	MAR.	APRIL	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	MEAN

ELEVATIONS ARE IN FEET REFERRED TO THE INTERNATIONAL GREAT LAKES DATUM (1955).

THE REFERENCE ZERO FOR I G L D (1955) IS THE MEAN WATER LEVEL COMPUTED AS 12,444 FEET BELOW W.L. FORM - M 173 - REV- '61 BENCH MARK 1248-G OR 7, 486 FEET ABOVE THE ZERO OF THE CANADIAN HYDROGRAPHIC SERVICE GAUGE AT FATHER POINT, QUEBEC.

